

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
APPLICATION TRANSMITTAL LETTER FOR
NONPROVISIONAL PATENT APPLICATION
Under 37 C.F.R. 1.53(b)

10-036 U.S. PTO
09/652862
08/31/00

Certification under 37 CFR 1.10 (if applicable)

EF740979355US

EXPRESS MAIL mailing number

August 31, 2000

Date of Deposit

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

VICKIE CHUPP

(Type or printed name of person mailing application)

Vickie Chupp
(Signature of person mailing application)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application, including 6 sheet(s) of formal drawings, of inventor(s):
Donald C. D. Chang, Alan G. Cha, Ying Feria,

for: **RAPID USER ACQUISITION BY A GROUND-BASED BEAMFORMER**

The filing fee for this application is calculated below:

	NUMBER		CLAIMS AS FILED		RATE	
	FILED		EXTRA			
For:						
Basic Fee						\$ 690.00
Total Claims	11	-20 =	0	x	\$ 18.00	\$ -0-
Independent Claims	2	- 3 =	0	x	\$ 78.00	\$ -0-
Multiple Dependent Claims				+	\$260.00	\$
TOTAL FILING FEE :						\$ 690.00

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of **\$690.00**. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account.

The Commissioner is further hereby authorized to charge to said above Deposit Account No. 50-0383, pursuant to 37 CFR 1.25(b), any fees whatsoever which may properly become due or payable, as set forth in 37 CFR 1.16 to 1.17 inclusive, for the entire pendency of this application without specific additional authorization.

**Please associate this application with the Hughes Electronics Corporation Customer Number 020991.
This form is submitted in triplicate.**

HUGHES ELECTRONICS CORPORATION

Vijayalakshmi D. Duraiswamy
VIJAYALAKSHMI D. DURAISWAMY, Registration No.: 31,505
Attorney for Applicant(s)

CUSTOMER NUMBER 020991
HUGHES ELECTRONICS CORPORATION
Patent Docket Administration
Bldg. 001, M/S A109
PO Box 956
El Segundo, CA 90245-0956
Telephone: (310) 662-9916
Date: August 31, 2000